

What is claimed is:

1. A valve-leaf protective structure for pressure regulator of air tank used in diving, comprising:

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a valve-leaf seat formed on an outer case of said pressure regulator for a one-way valve leaf to mount at a central area thereof, said valve-leaf seat being provided at two lateral sides with two raised supports, on which a plurality of bubble outlets are formed, and between which a space is defined; said raised supports being provided at upper inner surfaces with two rotary shaft holes, and said valve-leaf seat being provided at a lower center with a retaining hole; and

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a valve-leaf protective cover for mounting on said space defined between said two raised supports of said valve-leaf seat; said protective cover being provided at two upper outer ends with two sideward projected rotary shafts for rotatably mounted in said two rotary shaft holes on said two raised supports, and at a lower side with an elastic tongue having a hook formed at a lowermost end for engaging with said retaining hole on said valve-leaf seat.

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2. The valve-leaf protective structure for pressure regulator of air tank used in diving as claimed in claim 1, wherein said tongue on said protective cover is provided at an outer surface with an anti-slip area.

3. The valve-leaf protective structure for pressure regulator of air tank used in diving as claimed in claim 1, wherein said protective cover is provided at an inner surface with a rib.

4. The valve-leaf protective structure for pressure regulator of air tank used in diving as claimed in claim 2, wherein said protective cover is provided at an inner surface with a rib.

5. The valve-leaf protective structure for pressure regulator of air tank used in diving as claimed in claim 1, wherein said raised supports of said valve-leaf seat are provided on respective inner surface at positions corresponding to two sides of said tongue of said protective cover with at least one inward projected stopper.